computers & industrial engineering

An International Journal

Volume Contents and Author Index
Volume 40, 2001

PERGAMON

LIST OF CONTENTS

VOLUME 40

NUMBERS 1 to 4

G. Moon and **G.-P. Kim**	**1**	Effects of relocation to AS/RS storage location policy with production quantity variation
C.-X. (. Feng, J. Wang and **J.-S. Wang**	**15**	An optimization model for concurrent selection of tolerances and suppliers
M. Starbek and **J. Grum**	**35**	Control of the state of orders on machines
G. R. Weckman, R. L. Shell and **J. H. Marvel**	**51**	Modeling the reliability of repairable systems in the aviation industry
H. Seifoddini and **M. Djassemi**	**65**	The effect of reliability consideration on the application of quality index
R. J. Kuo, S. C. Chi and **P. W. Teng**	**79**	Generalized part family formation through fuzzy self-organizing feature map neural network
S. N. Sánchez, E. Triantaphyllou, D. B. Webster and **T. W. Liao**	**101**	A study of the total inventory cost as a function of the reorder interval of some lot-sizing techniques used in material requirements planning systems
C. H. Cheng, C.-H. Goh and **A. Lee**	**117**	Designing group technology manufacturing systems using heuristics branching rules
T. Lacksonen	**133**	Empirical comparison of search algorithms for discrete event simulation
M. Gopalakrishnan, S. Mohan and **Z. He**	**149**	A tabu search heuristic for preventive maintenance scheduling
S. Wang	**161**	A hybrid threshold curve model for optimal yield management: neural networks and dynamic programming
E. Guerra and **J. R. Villalobos**	**175**	A three-dimensional automated visual inspection system for SMT assembly
H. Zhou, Y. Feng and **L. Han**	**191**	The hybrid heuristic genetic algorithm for job shop scheduling
T. W. Leung, C. H. Yung and **M. D. Troutt**	**201**	Applications of genetic search and simulated annealing to the two-dimensional non-guillotine cutting stock problem
L. Xinmin, L. Zhongqin, H. tian and **Z. Ziping**	**215**	A study of a reverse engineering system based on vision sensor for free-form surfaces
W.-Y. Liang and **P. O'Grady**	**229**	OODS: an object-oriented design system an example of electronics assemblies

W. K. Ching — **249** Optimal (*s*, *S*) policies with delivery time guarantees for manufacturing systems with early set-up

B. Das and **A. Garcia-Diaz** — **259** Factor selection guidelines for job evaluation: A computerized statistical procedure

T. O. Lee, Y. Kim and **Y. K. Kim** — **273** Two-sided assembly line balancing to maximize work relatedness and slackness

T. S. Loh, S. T. S. Bukkapatnam, D. Medeiros and **H. Kwon** — **293** A genetic algorithm for sequential part assignment for PCB assembly

C.-S. Cheng and **S.-S. Cheng** — **309** A neural network-based procedure for the monitoring of exponential mean

A. Monga and **M. J. Zuo** — **323** Optimal design of series-parallel systems considering maintenance and salvage value

L.-Y. Ouyang and **B.-R. Chuang** — **339** Mixture inventory model involving variable lead time and controllable backorder rate

P.-C. Chang and **L.-H. Su** — **349** Scheduling *n* jobs on one machine to minimize the maximum lateness with a minimum number of tardy jobs

A. Kamrani, W. Rong and **R. Gonzalez** — **361** A genetic algorithm methodology for data mining and intelligent knowledge acquisition

R. Hall, M. Dessouky and **Q. Lu** — **379** Optimal holding times at transfer stations